

CLAIMS

- 5 1. (AMENDED) A method comprising:
determining a current location of a pickup;
storing said current location of said pickup;
opening a tracking servo loop;
providing a near zero offset for a tracking actuator; and
closing said tracking servo loop, when a function is selected.
- 10 2. The method of claim 1 further comprising, moving said pickup to said
current location.
3. The method of claim 1 wherein said function comprises a play
function.
- 15 4. The method of claim 1 wherein said function comprises a search
function.
5. The method of claim 1 wherein said function comprises a record
function.
- 20 6. The method of claim 1 wherein said step of storing comprises
placing said current location in a memory area.
7. The method of claim 2 wherein said step of storing comprises
placing said current location in a memory area.
- 25 8. The method of claim 7 wherein said step of moving further comprises
obtaining said current location from said memory area.
- 30 9. The method of claim 1 wherein said tracking servo loop includes a
switch.
10. The method of claim 9 wherein said step of opening further
comprises opening said switch.
- 35 11. The method of claim 10 wherein said step of closing further
comprises closing said switch.

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12. The method of claim 1 wherein said current location comprises a track ID or a frame ID.

45 13. The method of claim 12 wherein said track ID or said frame ID is embedded in a track on an optical medium.

14. The method of claim 13 wherein said track is a spiral or a concentric track.

50 15. The method of claim 14 wherein said optical medium is a substantially circular disc.

55 16. The method of claim 1 wherein said step of determining further comprises: obtaining a sub-code from an information track; and extracting a track ID from said sub-code.

17. The method of claim 1 wherein said rotating media player comprises an optical disc storage device.

60 18. The method of claim 17 wherein said optical disc storage device is a CD-ROM, a video laser disc player, a mini-disc player, a CD player, a CD rewritable player, a DVD player, a CD-recordable player, or a magneto-optical player.

65 19. (AMENDED) An apparatus comprising:
a pickup configured to have a current location determined;
a storage area for said current location;
a tracking servo loop configured to be opened; and
70 a tracking actuator configured to provide a near zero offset,
wherein said tracking servo loop is closed when a function is selected.

20. The apparatus of claim 19 wherein said pickup is configured to be moved to said current location.

75 21. The apparatus of claim 19 wherein said function comprises a play function.

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22. The apparatus of claim 19 wherein said function comprises a search function.

85 23. The apparatus of claim 19 wherein said function comprises a record function.

24. The apparatus of claim 19 wherein said storage area comprises a memory area.

90 25. The apparatus of claim 20 wherein said storage area comprises a memory area.

95 26. The apparatus of claim 25 wherein said current location is obtained from said memory area before said pickup is moved.

27. The apparatus of claim 19 wherein said tracking servo loop includes a switch.

100 28. The apparatus of claim 27 wherein said tracking servo loop is opened by opening said switch.

29. The apparatus of claim 28 wherein said tracking servo loop is closed by closing said switch.

105 30. The apparatus of claim 19 wherein said current location comprises a track ID or a frame ID.

110 31. The apparatus of claim 30 wherein said track ID or said frame ID is embedded in a track on an optical medium.

32. The apparatus of claim 31 wherein said track is a spiral or a concentric track.

115 33. The apparatus of claim 32 wherein said optical medium is a circular disc.

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34. The apparatus of claim 19 wherein said current location of said pickup comprises:
a sub-code configured to be obtained from an information track; and
a track ID configured to be extracted from said sub-code.

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35. The apparatus of claim 19 wherein said media player comprises an optical disc storage device.

36. The apparatus of claim 35 wherein said optical disc storage device is a CD-ROM, a video laser disc player, a mini-disc player, a CD player, a CD rewritable player, a DVD player, a CD-recordable player, or a magneto-optical player.

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37. (AMENDED) A system comprising:
means for determining a current location of a pickup;
means for storing said current location of said pickup;
means for opening a tracking servo loop;
means for providing a near zero offset for a tracking actuator; and
means closing said tracking servo loop, when a function is selected.

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38. The system of claim 37 further comprising means for moving said pickup to said current location.

39. The system of claim 37 wherein said function comprises a play function

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40. The system of claim 37 wherein said function comprises a record function

41. The system of claim 37 wherein said function comprises a search function

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42. The system of claim 37 wherein said means for storing comprises means for placing said current location in a memory area.

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43. The system of claim 38 wherein said means for storing comprises means for placing said current location in a memory area.

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44. The system of claim 43 wherein said means for moving further comprises means for obtaining said current location from said memory area.

165 45. The system of claim 37 wherein said tracking servo loop includes a switch.

46. The system of claim 45 wherein said means for opening further comprises means for opening said switch.

170 47. The system of claim 46 wherein said means for closing further comprises means for closing said switch.

175 48. The system of claim 37 wherein said current location comprises a track ID or a frame ID.

49. The system of claim 48 wherein said track ID or said frame ID is embedded in a track on an optical medium.

180 50. The system of claim 49 wherein said track is a spiral or a concentric track.

51. The system of claim 50 wherein said optical medium is a substantially circular disc.

185 52. The system of claim 38 wherein said means for determining a current location further comprises:
means for obtaining a sub-code from an information track; and
means for extracting a track ID from said sub-code.

190 53. The system of claim 37 wherein said rotating media player comprises an optical disc storage device.

195 54. The system of claim 53 wherein said optical disc storage device comprises a CD-ROM, a video laser disc player, a mini-disc player, a CD player, a CD rewritable player, a DVD player, a CD-recordable player, or a magneto-optical player.

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55. (AMENDED) A computer program product comprising:
a computer usable medium having computer readable program code embodied therein comprising:

205 computer readable program code configured to cause a computer to determine a current location of a pickup;

computer readable program code configured to cause a computer to store said current location of said pickup;

computer readable program code configured to cause a computer to open a tracking servo loop;

210 computer readable program code configured to cause a computer to provide a near zero offset for a tracking actuator; and

computer readable program code configured to cause a computer to close said tracking servo loop, when a function is selected.

215 56. The computer program product of claim 55 further comprising computer readable program code configured to cause a computer to move said pickup to said current location.

220 57. The computer program product of claim 55 wherein said function comprises a play function.

58. The computer program product of claim 55 wherein said function comprises a search function.

225 59. The computer program product of claim 55 wherein said function comprises a record function.

230 60. The computer program product of claim 55 wherein said computer readable program code configured to cause a computer to store comprises computer readable program code configured to cause a computer to place said current location in a memory area.

235 61. The computer program product of claim 56 wherein said computer readable program code configured to cause a computer to store comprises computer readable program code configured to cause a computer to place said current location in a memory area.

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62. The computer program product of claim 61 wherein said computer readable program code configured to cause a computer to move further comprises computer readable program code configured to cause a computer to obtain said current location from said memory area.

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63. The computer program product of claim 55 wherein said tracking servo loop includes a switch.

250 64. The computer program product of claim 63 wherein said computer readable program code configured to cause a computer to open further comprises computer readable program code configured to cause a computer to open said switch.

255 65. The computer program product of claim 64 wherein said computer readable program code configured to cause a computer to close further comprises computer readable program code configured to cause a computer to close said switch.

260 66. The computer program product of claim 55 wherein said current location comprises a track ID or a frame ID.

67. The computer program product of claim 66 wherein said track ID or said frame ID is embedded in a track on an optical medium.

265 68. The computer program product of claim 67 wherein said track is a spiral or a concentric track.

270 69. The computer program product of claim 68 wherein said optical medium is a substantially circular disc.

70. The computer program product of claim 55 wherein said computer readable program code configured to cause a computer to determine further comprises:

275 computer readable program code configured to cause a computer to obtain a sub-code from an information track; and

computer readable program code configured to cause a computer to extract a track ID from said sub-code.

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71. The computer program product of claim 55 wherein said rotating media player comprises an optical disc storage device.

285 72. The computer program product of claim 71 wherein said optical disc storage device is a CD-ROM, a video laser disc player, a mini-disc player, a CD player, a CD rewritable player, a DVD player, a CD-recordable player, or a magneto-optical player.

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